

Internal al Application No PCT/EP2005/000022

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 F16M11/32 F16M11/16

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 F16M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Х	US 5 310 145 A (CHEN JASON) 10 May 1994 (1994-05-10) the whole document	1-3
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Υ	FR 2 205 983 A (PFLIEGER ROGER) 31 May 1974 (1974-05-31) the whole document	4,5,7,9
X	US 5 082 221 A (LAI SHIH-WANG) 21 January 1992 (1992-01-21) column 2, line 3 - line 65; figures 1-7	1-3
A	US 4 886 230 A (JONES JOHN A ET AL) 12 December 1989 (1989-12-12) cited in the application column 7, line 25 - line 32; figures 1-5	1-3,10

X Further documents are listed in the continuation of box C.	Patent family members are listed in annex.
 Special categories of cited documents: A' document defining the general state of the art which is not considered to be of particular relevance E' earlier document but published on or after the international filing date L' document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) O' document referring to an oral disclosure, use, exhibition or other means P' document published prior to the international filing date but later than the priority date claimed Date of the actual completion of the international search 	 'T' later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention 'X' document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive slep when the document is taken alone 'Y' document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. '&' document member of the same patent family Date of mailing of the international search report
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Das Neves, N



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INTERNATIONAL SEARCH REPORT

information on patent family members

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